



INFORMATION DISCLOSURE CITATION IN AN APPLICATION	Att'y Ref: Y03-100US	Serial No: 10/781,305
	Applicant: CHENG, Yung-chi et al.	
	Filing Date: Feb. 18, 2004	Art Unit: 1614

United States Patent Documents						
Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing Date
TM	5,763,418	6/1998	Matsuda et al.	_____	_____	
TM	5,880,294	3/1999	Nomura et al.	_____	_____	

Foreign Patent Documents							
Examiner Initial	Publication Number	Publication Date	Country	Class	Subclass	Translation	
						Yes	No
TM	JP10-298194	11/1998	Japan	_____	_____		

Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)
TM	TABATA et al. "anti-tumor Mechanisms of 3'-ethynyluridine and 3'-ethynylcytidine as RNA synthesis inhibitors: development and characterization of 3'-ethynyluridine-resistant cells." <i>Cancer Letters</i> 1997, 116:225-231.

Examiner: /Traviss McIntosh III/ (08/11/2006)	Date Considered: 08/11/2006
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Examiner Initial	Other Documents (by Title, Author Date, Pertinent Pages, Etc.)
TM	August, E. M., M. E. Marongiu, T. S. Lin, and W. H. Pnisoff. 1988. Initial studies on the cellular pharmacology of 3'-deoxythymidin-2'-ene (d4T): a potent and selective inhibitor of human immunodeficiency virus. <i>Biochem Pharmacol</i> 37:4419-22.
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TM	Brinkman, K., H. J. ter Hofstede, D. M. Burger, J. A. Smeitink, and P. P. Koopmans. 1998. Adverse effects of reverse transcriptase inhibitors: mitochondrial toxicity as common pathway. <i>Aids</i> 12:1735-44
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TM	Chen, C. H., and Y. C. Cheng. 1989. Delayed cytotoxicity and selective loss of mitochondrial DNA in cells treated with the anti-human immunodeficiency virus compound 2',3'-dideoxycytidine. <i>J Biol Chem</i> 264:11934-7
TM	Chen, C. H., M. Vazquez-Padua, and Y. C. Cheng. 1991. Effect of anti-human immunodeficiency virus nucleoside analogs on mitochondrial DNA and its implication for delayed toxicity. <i>Mol Pharmacol</i> 39:625-8
TM	Cheng, Y. C. 1978. Thymidine Kinase from Blast Cells of Myelocytic Leukemia, p. 365-371, <i>Methods in Enzymology</i> , vol. LI Academic Press, New York
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TM	Doong, S. L., C. H. Tsai, R. F. Schinazi, D. C. Liotta, and Y. C. Cheng. 1991. Inhibition of the replication of hepatitis B virus in vitro by 2',3'-dideoxy-3'-thiacytidine and related analogues. <i>Proc Natl Acad Sci U S A</i> 88:8495-9
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TM	Feng, J. Y., A. A. Johnson, K. A. Johnson, and K. S. Anderson. 2001. Insights into the molecular mechanism of mitochondrial toxicity by AIDS drugs. <i>J Biol Chem</i> 276:23832-7
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TM	Hamamoto, Y., H. Nakashima, T. Matsui, A. Matsuda, T. Ueda, and N. Yamamoto. 1987. Inhibitory effect of 2',3'-dideoxy-2',3'-dideoxynucleosides on infectivity, cytopathic effects, and replication of human immunodeficiency virus. <i>Antimicrob Agents Chemother</i> 31:907-10
TM	Haraguchi, K., S. Takeda, H. Tanaka, T. Nitanda, M. Baba, G. E. Dutschman, and Y. C. Cheng. 2003. Synthesis of a Highly Active New Anti-HIV Agent 2', 3'-Dideoxy-3'-deoxy-4-ethynylthymidine. <i>Bioorg Med Chem Letter</i> 13:3775-3777
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TM	Lewis, W., and M. C. Dalakas. 1995. Mitochondrial toxicity of antiviral drugs. <i>Nat Med</i> 1:417-22
TM	Lin, T. S., M. Z. Luo, M. C. Liu, S. B. Pai, G. E. Dutschman, and Y. C. Cheng. 1994. Antiviral activity of 2',3'-dideoxy-beta-L-5-fluorocytidine (beta-L-FddC) and 2',3'-dideoxy-beta-L-cytidine (beta-L-ddC) against hepatitis B virus and human immunodeficiency virus type 1 in vitro. <i>Biochem Pharmacol</i> 47:171-4
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TM	Lin, T. S., R. F. Schinazi, and W. H. Prusoff. 1987. Potent and selective in vitro activity of 3'-deoxythymidin-2'-ene (3'-deoxy-2',3'-didehydrothymidine) against human immunodeficiency virus. <i>Biochem Pharmacol</i> 36:2713-8
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TM	Maag, H., R. M. Rydzewski, M. J. McRoberts, D. Crawford-Ruth, J. P. Verheyden, and E. J. Prisbe. 1992. Synthesis and anti-HIV activity of 4'-azido- and 4'-methoxynucleosides. <i>J Med Chem</i> 35:1440-51
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TM	Parker, W. B., and Y.C.Cheng.1995."Disruption of Energy Metabolism and Mitochondrial Function", p. 483-490, <i>Neurotoxicology: Approaches and Methods</i> . Academic Press Inc., New York
TM	Parker, W. B., and Y. C. Cheng. 1994. Mitochondrial Toxicity of Antiviral Nucleoside Analogs. <i>The Journal of NIH Research</i> 6:57-61
TM	Richman, D. D. 1993. Resistance of clinical isolates of human immunodeficiency virus to antiretroviral agents. <i>Antimicrob Agents Chemother</i> 37:1207-13
TM	Richman, D. D., M. A. Fischl, M. H. Grieco, M. S. Gottlieb, P. A. Volberding, O. L. Laskin, J. M. Leedom, J. E. Groopman, D. Mildvan, M. S. Hirsch, and et al. 1987. The toxicity of azidothymidine (AZT) in the treatment of patients with AIDS and AIDS-related complex. A double-blind, placebo-controlled trial. <i>N Engl JMed</i> 317:192-7
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